Read This First!

Please review the following important notes regarding ACSLS 5.3.

1. Reinstall Solaris 2.6 even if you have just purchased an Ultra 10 from StorageTek with Solaris preinstalled

   Although StorageTek's 4443-UX1 (Ultra 10) Server comes with Solaris preinstalled, Solaris must be reinstalled as documented in the ACSLS 5.3 Installation and Configuration Guide for Solaris. ACSLS does not install properly on the preinstalled Solaris, which Sun designed for typical end-user desktop applications.

2. ACSLS 5.3 PTFs

   A number of PTFs (Program Updates) are required for ACSLS 5.3. They are included on a second CD or tape, labeled ACSLS 5.3 PUT9901. These PTFs must be installed at the end of the ACSLS installation process.

   The installation instructions are documented beginning on page 3 of this note.

3. Solaris 2.6 Y2K Patches

   Although Sun originally declared Solaris 2.6 to be Year 2000 Compliant, they have since determined that a number of free modifications are required for full compliance. As of January 13, 1999, seven patches were required. StorageTek has tested ACSLS 5.3 with these patches and has verified that ACSLS executes properly with the patches installed. The patches are included on the ACSLS PTF CD (or tape). However, as Sun may determine that additional patches are required in the future, customers should monitor Sun's Year 2000 Solaris 2.6 web page at http://www.sun.com/y2000/solaris26.html. If Sun adds additional patches in the future, customers should contact StorageTek to make sure that ACSLS has been tested with the patches, and then follow Sun's procedures for downloading and installing the patches on their systems.

   This information is designated as a Year 2000 Readiness Disclosure pursuant to the Year 2000 Information and Readiness Disclosure Act (a United States Federal Law).

4. Co-Hosting and Sockets

   ACSLS 5.3 was changed to use Sockets for internal Inter-Process Communications (IPC). If other applications, including ACSLS clients, are co-hosted on the same system with ACSLS, this can create a potential Socket conflict. Applications should be configured to not use Sockets between 50001-50012, 50100-50109 and 50200-50209. If the client parameters are not configurable and use these Sockets, the software, including ACSLS clients, cannot be co-hosted.

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PUT9901 README

The enclosed maintenance CD or tape, labeled ACSLS 5.3 PUT9901, includes software updates for ACSLS 5.3. Before installing, please look over the instructions and the release notes which describe the various patches included in the update.

1. Locate the software distribution media for your system:

media	part number
CD ROM	311283101
4mm tape	311283201
8mm tape	311283301

2. Log in as user 'acsss'.

3. Insert the media labeled "ACSLS 5.3 PUT9901".

4. If you are installing from CD ROM, enter:

   cd /cdrom/put9901

   If you are installing from tape, you should know the tape device name (typically "/dev/rmt0").

   Enter:

   cd ~
   tar -xvf <tape_device_name>
   cd put9901

5. To extract the software fixes, enter the command:

   ./install.sh

   After the objects are extracted, you will be prompted to authorize their installation on your system. If you answer "no", you can install the PTFs individually. If you answer "yes", all of the appropriate fixes will be installed on your system.The routine will confirm successful installation of each package. If you encounter problems with any PTF installation, consult ~acsss/log for details.

   If you wish to selectively install each PTF, you will need to go into the respective directory for the PTF and run the command:

   PTFinstall.sh

6. If you wish to de-install any of the newly installed PTFs, go to the individual PTF directory and execute the command:

   PTFuninstall.sh

7. For Solaris 2.6 users only, this product update includes seven optional Sun Y2K patches. To install these, do the following:

   a.   Login as "root".

   b.   Change your working shell to k-shell:
         ksh

   c.   Go to the Y2K directory:
         cd ~acsss/put9901/y2k

   d.   Consult the README.doc for information pertaining to each patch. You can install each patch separately or you can install them together in a single step. The README.doc describes how to install each patch separately.

e.   If you wish to install all seven Y2K patches, enter the following command:

./PTFinstall.sh

This routine will look to see whether any of the patches have already been installed on your system, and if not it will install them. The routine will confirm successful installation of each patch. If you encounter failure with any patch installation, you can get details from the file:

acsss/log/y2k_patches.log

e.   If you wish to uninstall any of the patches, consult the README.doc in the y2k directory. You can unistall all of the patches with the command:

./PTFuninstall.sh

RELEASE NOTES:

Here is a list of the modules that are updated by PUT9901:

AIX:

601127:	The module 'scsiDP' was revised to correct missing "drive type" field for 97XX libraries running microcode release 1.8.13 or higher.
611209:	The 'csi', 'acslm', and 'libfull.o' were altered to allow more functional processing of large responses to verbose client requests such as 'query scratch all' and 'query volume all'.
614091:	The database restore function 'rdb.acsss' was revised for compatibility with Oracle version 7.3.3.0.
614181:	The pinglmu.sh utility was updated to parse a different field for LMU compat-level from a log which was affected by Y2K changes.

Solaris:

586037:	The module 'scsiDP' was revised to correct missing "drive type" field for 97XX libraries running microcode release 1.8.13 or higher.
589175:	The 'csi', 'acslm', and 'libuq.so' were altered to allow more functional processing of large responses to verbose client requests such as 'query scratch all' and 'query volume all'.
609113:	The database restore function 'rdb.acsss' was revised for compatibility with Oracle version 7.3.3.0.
613687:	The pinglmu.sh utility was updated to use Unix utilities in /usr/bin rather than /usr/ucb. A second change parses the LMU compat-level field from a log which was affected by Y2K changes.
612105:	This change is needed for Solaris 2.7 systems. Configuration variables were adjusted to change the path of certain Unix functions from /usr/ucb to /usr/bin. This affects text processing utilities such as 'vi', 'more', and 'pg'.